INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02625

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B21D 22/00; B23P 15/14; B21K 1/30; B21D 53/26			
US CL : 72/352, 353.2, 358; 29/893.3, 893.34, 893.36			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 72/352, 353.2, 358; 29/893.3, 893.34, 893.36			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched 72/354.2, 354.6			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
X	WO 02/078876 A1 (BISHOP INNOVATION LIMIT	11, 20	
Υ	figures 12-14 & 20-24.		1-10, 12-19
Y	US 4,709,569 A (SABROFF et al) 01 December 1987 (01.12.1987), column 3, lines 32-63.		1-10, 12-19
Y	US 5,787,753 A (DOUGHERTY) 04 August 1998 (04.08.1998), column 6, lines 47-53.		5, 16
Α	US 4,856,167 A (SABROFF et al) 15 August 1989 (15.08.1989), column 2, lines 55-68 & column 7-8, lines 64-3.		1-20
Α	US 2004/0192488 A1 (PRUCHER) 30 September 2004 (30.09.2004), figures 6-7.		1-20
Further	documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:		"T" later document published after the inte	-
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
"O" document referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	e art
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
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